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DOCKET NO.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: SKOULTCHI,

ART UNIT:

SERIAL NO.: 08/102,390

EXAMINER:

FILING DATE: AUGUST 5, 1993

FOR: PRODUCTION OF PROTEINS USING HOMOLOGOUS RECOMBINATION

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Responsive to the Order of the APJ on Redeclaration of Interference 105,114, in which the above-captioned application is involved, entry of the following Amendments is respectively requested.

IN THE CLAIMS:

In the claims, please insert the following new claims:

- -107. A method of causing a mammalian cell to express a gene of that cell's genome encoding a protein not normally expressed by said cell, comprising inserting a DNA construct through homologous recombination into said genome of said cell in proximity to said gene, said construct comprising at least one of an amplifiable gene, other regulatory sequence, or both, and DNA homologous with DNA of a region of said genome in proximity to said gene, whereby expression of said gene in said cell is caused to occur.

108. A method of causing a mammalian cell to increase the level of expression of a gene of that cell's genome encoding a protein normally expressed by said cell, comprising inserting a DNA construct through homologous recombination into said genome of said cell in proximity to said gene, said construct comprising at least one of an amplifiable gene, other regulatory

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